

# FANLESS Industrial Panel PC

Fanless Industrial Panel PC 12.1" LED TFT LCD 800x600, Intel Core 7th Generation i3 7100U 2.4 GHz, 2 x DDR4-2133 SO-DIMM, Max 32GB (Non-ECC) w/ Projected Capacitive Touch Screen

*Please specify Memory, Storage and OS when ordering.*

**MODEL: QPC1210-i3**



## FEATURES

- 12.1" G grade LED LCD panel for long life cycle and your tough working environments
- Different Display Modules for every project requirements
- Modularized Design for different application needs and minimal system down time during maintenance
- Solid and rugged Display Construction withstands punishments from all environments
- True Flat multi Touch with front side IP65 certification
- Hidden USB to protect USB Key/Dongle
- 4 Different mounting methods designed in for ultimate application flexibility

## SPECIFICATIONS:

<b>Display Module</b>	<b>12.1"</b>
I/O	1 x USB 2.0 Hidden for USB Dongle
Touch screen	Projected Capacitive Touch
LCD	12.1" TFT XVGA
Resolution	800 x 600, 16.2M Colors
Luminance (cd/m2)	400
Viewing Angle	160°
Backlight Lifetime	50,000hrs/ LED
<b>Mechanical</b>	
Construction	Heavy-duty steel chassis (Black), Aluminum Front Bezel
Vibration	5-17Hz, 0.1" double amplitude peak to peak, 1.5G acceleration peak to peak
Shock	10G acceleration peak to peak (11ms) ;
Rating	IP 65 compliant front bezel
Qualification	Formal certification CE I FCC Class B
Mounting	Panel / VESA 100 / Wall / Clamp Type
Dimension	317 x 52.9 x 245 mm
Packing Dimension	406 x 158 x 415 mm
System Weight (N.W.)	2.1 KG
Weight with Packing (G.W.)	3.8 KG
<b>Optional Order</b>	
Mounting	Clamp Type Mount

## PC SPECS:

System Box Module	
Processor	Intel® Core™ 7 <sup>th</sup> Generation i3 7100U 2.4 GHz
System Memory Storage	2 x DDR4-2133 SO-DIMM, Max 32GB (Non-ECC)
I/O	2.5" SATA HDD / mSATA SSD
	Serial port x 4 (RS232/422/485 x 1, RS232 x 3)
	USB x 6 (USB 3.0 x 4, USB 2.0 x 3)
	Ethernet, RJ-45, PCI-e Gbe LAN x 2
	HDMI 1.4a x 1, DisplayPort 1.2 x 1
Line in x 1, Line out x 1, Phone Jack	
Expansion Interface	Mini PCI x 1
OS Support	Microsoft Windows 7/ 10, Linux
Power Requirement	DC Jack, +9V~+24V, Wide Range Input
Mechanical	
Construction	Heavy-duty steel chassis (Black), Aluminum Heatsink
Operation Temp.	32°F ~ 140°F (0°C ~ 60°C) with Ambient Air
Storage Temp.	-22°F ~ 175°F (-30°C ~ 80°C)
Relative Humidity	10~90% @40°C, Non-condensing
Backlight Lifetime	50,000hrs / LED
Vibration	5-17Hz, 0.1" double amplitude peak to peak, 1.5G acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Rating	IP 65 compliant front bezel
Qualification	Formal certification CE/FCC Class B
Mounting	Panel/ VESA 100/ Wall/ Clamp Type
Dimension	128 x 64.4 x 268 mm
Packing Dimension	580 x 180 x 420 mm
System Weight (N.W.)	2.0 KG
Weight with Packing(G.W.)	3.2 KG
Optional Order	
Memory	DDR4 2GB, DDR4 4GB, DDR4 8GB, DDR4 16GB
Storage	2.5" SATA HDD 500GB~1TB, SSD 16GB~256GB
OS	Microsoft Windows 7/ 10, Linux
Wif LAN	RTL8188CUS-BC8-WB
Power	DC to Power Terminal Connector



# DRAWINGS:

UNIT : mm  
Tolerance : +-0.5

